

## **REMARKS**

Claims 32-52 are pending in the application.

Applicant herein amends the specification to correct errors that occurred in converting conductivity data from units of  $\text{Ohm}^{-1} \text{ meter}^{-1}$  to units of  $\text{microOhm}^{-1} \text{ centimeter}^{-1}$ , as used in the present specification. Applicant asserts that, pursuant to MPEP 2163.07, the amendment is not new matter since it merely corrects an obvious error. Those of ordinary skill would recognize the existence of the error as well as the appropriate correction. For example, page 11, lines 19-21 of the present specification state that insulative material has a conductivity of less than  $10^4 \text{ microOhm}^{-1} \text{ centimeter}^{-1}$ , but those of ordinary skill readily recognize that the stated range sets forth too high of conductivity for insulative material.

Page 523 of "Introduction to Materials Science for Engineers," a copy of which is attached hereto, states that semiconductive material has a conductivity in the range of  $10^{-4}$  to  $10^4 \text{ Ohm}^{-1} \text{ meter}^{-1}$  ( $10^{-12}$  to  $10^{-4} \text{ microOhm}^{-1} \text{ centimeter}^{-1}$ ). Since semiconductive material has a conductivity in the range of  $10^{-4}$  to  $10^4 \text{ Ohm}^{-1} \text{ meter}^{-1}$ , it follows that insulative material has a conductivity in the range of less than  $10^{-4} \text{ Ohm}^{-1} \text{ meter}^{-1}$ . It is readily apparent that the incorrect range of conductivity set forth in the present specification may be obtained by applying a conversion factor of  $10^8$  to the range set forth on page 523 of the reference. Also, it is apparent to those of ordinary skill that a conversion factor of  $10^{-8}$  should instead be applied to the range set forth on page 523 of the reference to convert units of  $\text{Ohm}^{-1} \text{ meter}^{-1}$  to  $\text{microOhm}^{-1} \text{ centimeter}^{-1}$ . At least for such reasons, Applicant asserts that the amendments do not constitute new matter.

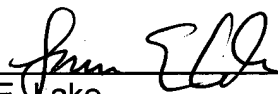
Claims 32-52 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Emesh in view of Derderian. Applicant requests reconsideration. Applicant notes that the present application claims a priority date of August 31, 2000 and that Derderian qualifies as prior art only under 35 U.S.C. 102(e). Since Derderian and the present application share a common assignee at the time of filing the present application, 35 U.S.C. 103(c) states that Derderian cannot preclude patentability. At least for such reason, claims 32-52 are patentable over Emesh in view of Derderian. Applicant requests allowance of claims 32-52 in the next Office Action.

Applicant herein establishes adequate reasons supporting allowance of all pending claims 32-52 and requests allowance of such claims in the next Office Action.

Applicant previously filed a Supplement IDS on September 18, 2003 and has not yet received an initialed copy of the Form PTO-1449 indicating consideration of the references. Applicant requests return of the initialed form with the next Office Action.

Respectfully submitted,

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By:   
James E. Lake  
Reg. No. 44,854